

19990103.qrp v01_n325.qrl.990103

Date: Sun, 3 Jan 1999 19:03:41 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1325

QRP-L Digest 1325

Topics covered in this issue include:

- 1) [28621] OHR500 to Japan :-)
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- 2) [28622] FS: PK-232MBX
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- 3) [28623] T-KIT modules
by tom whalen <whalen@swcp.com>
- 4) [28624] Re:Can you hear me again
by vlantz@juno.com
- 5) [28625] Substitute parts for BFR91A, BC549A and TDA2003
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 6) [28626] Holiday
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- 7) [28627] Re: What is FYB0 ?
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- 8) [28628] NEED R2 BUILDING INFO, TIPS, ETC.
by mjfitz@uswest.net
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- 14) [28634] Pixie BCI
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by Roy Lincoln <wa4dou@usa.net>
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by we6w@juno.com (Ed Loranger)
- 17) [28637] 28Mhz in Good Shape
by MERLINHAM@cs.com
- 18) [28638] PK-232 SOLD
by "Tim Cook" <timcook@erinet.com>
- 19) [28639] QSLs

- by "Steve/n0tu" <n0tu@webaccess.net>
- 20) [28640] RE: British mil keys at Fair Radio (needs cleaning)
by Chris <c_sieg@conknet.com>
- 21) [28641] G0XAR, G0BBLs trip from Atlanta to Dayton in May. Advice sought.
by Stephen John Farthing <stephen@stevef.demon.co.uk>
- 22) [28642] Re: NEED R2 BUILDING INFO, TIPS, ETC.
by Stephen John Farthing <stephen@stevef.demon.co.uk>
- 23) [28643] 28 Mhz QRP/DX/Beacons
by n4so@juno.com (charles k brown)
- 24) [28644] RTTY Contest
by Bob Edwards <w4ed@flash.net>
- 25) [28645] QSO with a SUPER HAM (98 yrs.young)
by KF4EIB@aol.com
- 26) [28646] RE: VFO for R2 Rcvr..and PARTS WANTED R2 RCVR
by "E. Andrews" <earlve3ab@igs.net>
- 27) [28647] Re: VFO for R2 Rcvr..and PARTS WANTED R2 RCVR
by Bruce Muscolino <w6toy@erols.com>
- 28) [28648] Multiple 7805's for Higher Current ???
by Jim Dolson <jdolson@iserv.net>
- 29) [28649] WTB TenTec PM-2
by Sam Billingsley <SBillingsley@usaninc.com>
- 30) [28650] Re: T-KIT modules
by "Alyn Backe" <ve6bpr@cnnnet.com>
- 31) [28651] Pixie info?
by tom whalen <whalen@swcp.com>
- 32) [28652] OHR Spirit
by Peter James <mrpj@mindspring.com>
- 33) [28653] Re: VFO for R2 Rcvr..and PARTS WANTED R2 RCVR
by John Levreault <jlevro@mediaone.net>
- 34) [28654] Info on US subs for BC549A and TDA2003. BFR91A info needed.
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 35) [28655] Looking for Stan Broughton
by Yaacov@barcode.co.il
- 36) [28656] Re: QSO with a SUPER HAM (98 yrs.young)
by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
- 37) [28657] Re: British mil keys at Fair Radio (needs cleaning)
by Chris <c_sieg@conknet.com>
- 38) [28658] RE: Multiple 7805's for Higher Current ???
by "Ed Tanton" <n4xy@mindspring.com>
- 39) [28659] AW: How *Order* DL Sierra PA?
by Peter Zenker <Peter_DL2FI@csi.com>
- 40) [28660] FS: Norcal Cascade, QRP, and QRO (sorry) gear...
by Harry Bump <bump-km3d@redrose.net>
- 41) [28661] AL7FS on 28.060 at around 1900z
by "James H. Larsen" <al7fs@pobox.alaska.net>
- 42) [28662] help
by Ab7wy@aol.com
- 43) [28663] FS: Military GRC-109 and GRC-9 sets

by "Alan Fryer" <n3bj@hotmail.com>
44) [28664] Canada/QRP - Is there a need for a Canadian nation QRP
Organization ??
by VE3JC - John C <jbcumming@wwdc.com>
45) [28665] Gentle explanation that 7.040 is QRP freq?
by "Mullins family" <mmullins@mastnet.net>
46) [28666] CANADIAN, not British key (uh-whoops!)
by W7LS <w7ls@blarg.net>
47) [28667] Re: Multiple 7805's for Higher Current ???
by "Steven Weber" <kd1jv@moose.ncia.net>
48) [28668] Re: Gentle explanation that 7.040 is QRP freq?
by "Denis Englander" <ko6gfs@slip.net>
49) [28669] Opps!
by "Steve Miller" <kg7pv@hevanet.com>
50) [28670] Re: Gentle explanation that 7.040 is QRP freq?
by crc <crc@io.com>
51) [28671] Re: Gentle explanation that 7.040 is QRP freq?
by "cdd" <cdd@bellatlantic.net>
52) [28672] WOW!! 5-VOLT 8-AMP SUPPLY PLUS FOR \$35 + ship
by mjfitz@uswest.net
53) [28673] what Fun!!
by Jay Bromley <w5jay@alltel.net>
54) [28674] beacons
by "Mitch Dickson" <mitch@volstate.net>
55) [28675] Re: what Fun!! QRPp to QRPp
by "James H. Larsen" <al7fs@pobox.alaska.net>
56) [28676] AL7FS on 10 and 15 mtrs...
by Fred Lesnick <flesnick@tbaytel.net>
57) [28677] Re: QSO with a SUPER HAM (98 yrs.young)
by Jim R Hatfield <jhatfiel@mail.orion.org>
58) [28678] RE: Ionospheric absorption and QRP + QRPp
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
59) [28679] A new record??
by "Charles L. Stackhouse" <cstack@safelink.net>
60) [28680] Re: A new record??
by James Skalski <jskalski@buffnet.net>

Date: Sat, 2 Jan 1999 19:11:35 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [28621] OHR500 to Japan :-)
Message-ID: <199901021913_MC2-6534-2BF2@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Two tings to report, actually. First my new OHR500 made it to Japan this afternoon. QSOed Taka JA3SOK 2321-2331Z on 15 Metres with two big watts. He had 500 watts.

I used the HB wire vertical antenna dscribed in CQ Magazine for January 1999, pap 30-33. There Lew McCoy tells how to make a multiband vertical using rotor cable. Mine has 5 wires, one for each band 40-15. Wow!--it is getting 569-599 from all over.

If you are looking for a space-saving thrifty antenna. I recommend this antenna. Sure works for me. And it looks strong enough to withstand these mild Dakota winters.

Good luck everyone. See you on the bands soon.

(BTW usual disclaimer, no commercial connection, etc.)

72/73,

--Doc Lindsey/K0EVZ

DSBF

P.O. Box 7187

Bismarck, ND 58507

E-Mail 70511.3041@compuserve.com

Date: Sat, 2 Jan 1999 19:59:53 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28622] FS: PK-232MBX
Message-ID: <00ca01be36b4\$5fe048e0\$65765acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

With all the talk of QRP RTTY in the last few days, I have decided to list my PK-232MBX in case someone was interested. (I have another rttty unit I use). So for sale I have:

For Sale: AEA PK-232MBX with Pactor Upgrade. Complete with original box, all manuals, cable to hook to radio and original disk software W/manual. AEA

PC-FAX and AEA PC-PACKRAT II. Works great. Will ship in the conus for \$135.00

May consider trades on qrp gear...

73/72

Happy New Year

Tim

NZ8J

Date: Sat, 02 Jan 1999 18:02:12 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28623] T-KIT modules
Message-ID: <368EC194.4F8D@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRPer's!

I checked out the Ten Tec web page today and saw lots of interesting things. But, what really caught my eye were these little kits you can buy. They call them T-KIT modules. The one I'm most interested in is a direct conversion rcvr kit for ssb/cw that you can buy for 29 bux!! You can get it for any band too...

Anyone build any of these T-KIT modules? I would like to hear from you directly.

Usual disclaimers apply....72, Tom WB5QYT...."Have spud and bug will travel!".....Still trying to make a FIREBALL contact!...

Date: Sat, 2 Jan 1999 19:06:31 -0600
From: vlantz@juno.com
To: qrp-1@Lehigh.EDU
Subject: [28624] Re:Can you hear me again
Message-ID: <19990102.190631.10310.0.VLantz@juno.com>

I could hear several of you calling, but you could not hear me. I thought I had my Atlas 210X working at minimal levels. The amp needle moves but no one can hear me.

Thanks again folks.

Vann Lantz
KF4QHJ, AL
QRP-L #1790, AR QRP #241
<http://members.xoom.com/VLantz/home.htm>

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 02 Jan 1999 20:13:33 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: GQRP <gqrp-l@troy.blacksheep.org>, Knight Lites <klqrp@waterw.com>, NJ QRP
Club <njqrp@njqrp.org>, QRP-L <qrp-l@lehigh.edu>
Subject: [28625] Substitute parts for BFR91A, BC549A and TDA2003
Message-ID: <368EC43D.DE95CCED@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Happy New Year to the groups:

I recently received Sprat #97 and saw an item that peaked my interest --
the DC Receiver by F5LVG -- looks like a good companion to my
Fireball-40. But I need some help figuring out what semiconductors and
ICs to use. I'm really lost when it comes to the European designations
for parts. The F5LVG calls for 3 transistors: two BFR91A and one
BC549A, and 1 IC: a TDA2003.

Can anyone suggest the US-designation parts to substitute? Or should I
just try a couple 2N2222s, a 2N3866 and a LM386?

Thanks,

Jake Carter -- N4UY
Vienna, VA (DC suburbs)
WAS/QRPp w/c 17/16 on a Pixie,
MRX-40, & 40m wire dipole

Date: Sat, 02 Jan 1999 20:23:26 +0000

From: John Paul Keon <jpkeon@bellsouth.net>
To: "klqrp@waterw.com" <klqrp@waterw.com>, LI QRP Club Server <liqrp@waterw.com>, njqrp <njqrp@njqrp.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "rars-1@rtpnet.org" <rars-1@rtpnet.org>
Subject: [28626] Holiday
Message-ID: <368E803D.BBEB7FCC@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Everyone!

Well, we are finally home from the tundra!....

We had the funeral for my dad on the 28th and he is now at rest next to my mom in Central City Pa. We made it home safely and are trying to get used to this warm weather at 40F. It was 11F with 30 to 40 mph winds the other day. Central City, Pa is in the Laurel Hills mountains of Pa and Central City is one of the highest points. So we felt the winds and the cold the whole time.

I want to thank everyone for their concern. I am fine and will be okay. My wife and I also celebrated our 25th anniversary while we were at the funeral. Good and bad times sometimes come together.

I will send out messages to those of you that e-mail'd and send cards and flowers. I have a lot to catch up on and being true to my usual self, I will get back in the swing of things.

Again, thank you all for your condolences and for your thoughts and prayers.

JohnPaul/AB4PP "Sir Scribe of the Knightlites"

Date: Sat, 2 Jan 1999 20:11:05 -0600
From: guillotstutoring@juno.com
To: qrp-1@Lehigh.EDU
Subject: [28627] Re: What is FYBO ?
Message-ID: <19990102.201106.-896865.0.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Someplace in this discussion of stupid questions should be stupid answers that are taken seriously. I particular when CB radio was a new fad, many hams would tell CB's how to improve their performance.

In those days if you wanted to use a CB band you had to buy a crystal for that band. So hams would give such valuable information such as: If you want to operate on ch 6 just solder a chanel 2 and 4 in series.

My favorite was for improving performance with a squirt transmission line: To your CB rig connect 50' of RG 8U, to that 50' of RG 58U, to that 50' of RG174U, and to that your antenna. The theory being that as the signal passed through coax that got smaller and smaller in size it would squirrrrrrrrrrt the signal into the antenna, thus giving you a stronger signal. Ed N5ED

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 02 Jan 1999 20:21:04 -0600
From: mjfitz@uswest.net
To: qrp-1@Lehigh.EDU
Subject: [28628] NEED R2 BUILDING INFO, TIPS, ETC.
Message-ID: <368ED410.C60DCFA@pop.omah.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Seasons greetings to all!

Have an R2 kit with 1 Khz and 4 Khz audio filters from Kanga that I am about to get to...great weather for kit-building here now...Was just wondering if anyone has some knowledge/experience building a VFO for 7 Mhz that is suitable, and any other "tips" that I might benifit from. Someone has some info on their page concerning this but can't remember where/who? I can get a pretty stable 3.5 Mhz

VFO going but to me it looks like 7 Mhz will require a heterodyne set-up to achieve the necessary stability...
ANY INPUT IS APPRECIATED!

Mike KI0AF

Missouri Valley, IA

Date: Sat, 2 Jan 1999 20:44:43 -0600
From: guillotstutoring@juno.com
To: qrp-1@Lehigh.EDU
Subject: [28629] Re:What is FYBO?
Message-ID: <19990102.204443.-896865.2.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

(continued)

Since CB's talk to stations that are nearby, they were very concerned about having a strong ground wave so we suggested the obvious technique and many dutifully buried their antennas. Ed N5ED

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 02 Jan 1999 19:51:20 -0800
From: W7LS <w7ls@blarg.net>
To: qrp-1@lehigh.edu
Subject: [28630] British mil keys at Fair Radio (needs cleaning)
Message-ID: <368EE938.3B30@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi. I just picked up a couple of the British straight keys from Fair Radio. They are in the newest catalog for \$22.50. I took them apart because they had a mushy feel to them.

Here's what I found: They are a well made key. Very, very stout. They appear to be new, never used. They also appear to be never stored well, either. They look nice on the outside, but the pivot bar (1/8" steel rod) was totally rusty and the contacts are corroded. Both the pivot bar and the contacts clean up fine, though. I put the pivot bar on the wire wheel on my buffer to clean the rust off. That worked just fine. I hit the contacts with 600 grit wet-n-dry paper. That is probably not the right stuff, but it worked great, and the contacts are not plated or anything.

The pivot bar will not come out without a fight. You must loosen the jam-screw on the arm to release the tension, then use a drive pin and a small hammer to tap the pivot bar out, either side. Caution; you must

back it up with a solid block of wood or similar material. Otherwise, you can crack the phenolic (sorta like plastic). Be careful to not lose the flat brass washer that is on top of the return spring (like I did). If you do lose it, you can substitute a #2 hex nut in there. No one will see it <sheepish frown>.

Bottom line (or at least bottom paragraph): It is a neat key, has a good 'feel' to it, now. Extremely rugged, and relatively cheap at \$22.50. Needs some work. At least 2 for 2 of mine did. One problem was the grease in it. It appears to have congealed after 50 years. A shot of WD-40 can cure that. Hmmm.... I might try that on myself, if I find myself congealled after 50 years, too (ar ar...).

73 de Jim, W7LS

Date: Sat, 02 Jan 1999 20:08:45 -0800
From: W7LS <w7ls@blarg.net>
To: qrp-l@lehigh.edu
Subject: [28631] backpack Pixie2 a solid success!
Message-ID: <368EED4D.6DCA@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi. Short note on my backpacking rig. It is a Pixie2. I arranged a qso with KB7MBI today. I was in the field, about 8 miles distant, and over the other side of some hills. Antenna was a plain old dipole, suspended on scrub trees, about 4 feet high. Feedline was 10' of RG-174/u. No tuner. Power is 150 mW output. Built-in key (just a pushbutton from Radio Shack). Offset is accomplished per Pixie instructions (a simple switch that you press during transmit to short out a series cap with the crystal [80 meters]).

This rig will run all weekend on one 9v battery, too! The whole shebang fits inside a M-16 ammo pouch, including antenna and feedline. Weighs 1.5 pounds. Rig and feedline slips into NBC (Nuclear, Biological, Chemical) decontamination box (waterproof, about fist size) and then into the M-16 pouch.

Propagation was NVIS (Near Vertical Incidence Skywave) at mid-day. Center insulator was a Radio Shack dual banana plug to BNC adapter. Total cost for this rig is under \$30 for everything. Coverage area is 100 miles WITH NO SKIP HOLE. You don't need to be on high ground. I wasn't. The radiation goes virtually straight up and flops straight back down, considering the F layer that does the reflecting is 150-180 miles overhead. Smallish angle.

What this rig doesn't do: dx. Dead bang zero for long distance on this band with this antenna.

What this rig DOES do: You can reliably keep a sked with people

back at home, within a hundred miles or so, irrespective of where you are.

Time to deploy it; 5 minutes for one person. 5 minute takedown.

Ahhhhhhh.....I finally found a cheap rig that weighs almost nothing, that works extremely reliably in close ranges. Imagine that you are either lost or hurt. You can get on 15 meters and yelp for help, and get someone half way across the country, or you can drop down to 80 or 75 meters and hit a local net, where local people can be of help. This exercise turned out to be easier than I thought. Very little power goes a long way for short distances (er, let me rething that one...).

Now, to automate a receive site. Next week. 73 de Jim, W7LS

Date: Sat, 02 Jan 1999 23:37:42 -0500
From: Bob Edwards <w4ed@flash.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [28632] Re: RTTY Contest
Message-ID: <368EF416.D3A339D0@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bob KI0G wrote:

> Start out the New Year with some QRP RTTY(or other HF digital) contacts.
> ARRL RTTY contest 1800Z Saturday to 2400Z Sunday.

That's what I did. Got 84 contacts 1st day of my 1st RTTY test.

Running between 5 & 10 watts means waiting my turn until the QRO ops clear out. Was still able to nab some tuff ones like VP8TTY, EA8PP, 9A5D, LW1DX, P43T, ZX2A (?) and CE8SFG. Several others (DX) never heard me.

FT-840, 80m horiz loop w/ATU, SB16 PC sound card and BTL, fwiw..

Logged in MS-EXCEL which is not the best. Anybody using BTL and a real logger ?

It was fun, but all the activity was on the PC keyboard, except for tuning. So RTTY'test is fun, but CW with a paddle is still on the top of my list.

We'll see what's cook'n on HF for tomorrow....

--

Bob 72/73

/|
/ |

Z'# 114
 http://www.qsl.net/w4ed
 W4ED nr Atlanta @EM73wt
"QRP", more from less....

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[ \--===== -/

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 Date: Sat, 02 Jan 1999 21:36:42 -0700
 From: KORWC <rwc@frii.com>
 To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 Subject: [28633] OHR-100A Questions
 Message-ID: <3.0.5.32.19990102213642.0080b100@mail.frii.com>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"

OHR-100A Users/Owners:

After using my OHR-100A/20M for a while, two concerns have developed:

1. When I turn the RF Gain control past 3 O'clock, a high pitched "whine" can be heard. It's always been there, and it has finally grown annoying enough that I'd like to eliminate it. I put a scope on the speaker output, and with the antenna terminated into a dummy load; I can see a .1Vp-p ~5000Hz signal, with the RF & AF gain at max position. Turn the RF gain down & the signal drops to insignificant levels at about 3 O'clock.

If I futz with C146 I can tune out the 5000Hz sig. but the BFO Freq jumps up to abt 2000Hz. Do other OHR-100A's have this spurious sig? Is it a parasitic oscillation caused by too much drive/gain in the 1350 IF AMP or 602 mixer/detector? Any ideas for getting rid of it? Maybe a audio passband filter at say 700 +- "a-few-hundred" Hz? Or, maybe a one-stage 9MHz filter between the IF & Product detector?

I guess this got to bothering me more, now that I've got my NorCal 40 running. Man that RCVR [NC40] is quiet!

2. Passband width. With the passband set to "NARROW", strong sigs. can still be heard about +-800Hz, maybe a little more, from center-freq. Is the "Q"/shape-factor of the Xtal filter degraded somewhat by the Varactors & the biasing resistors? Again I compare to the NC40. It has 370pF caps. in place of the varactors. Strong sigs can be heard about +-500Hz from center, but the level seems less compared to my OHR. Overall the passband just "feels" sharper on the NC40. Ideas on this matter?

TNX 4 UR HLP

72/3 KORWC
Rod Cerkoney, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Sat, 2 Jan 1999 23:09:07 -0700
From: w0yse@juno.com (Neil Klagge)
To: we6w@juno.com, qrp-l@Lehigh.EDU
Subject: [28634] Pixie BCI
Message-ID: <19990102.230953.-311983.1.w0yse@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed-WE6W, and all pixie users,

I have been reading with interest of your exploits with the BCI problem with your pixie. I, too, have been working with the same problem on mine (at 3.686MHz). This evening I found a partial cure for mine. I am using an end fed half wave antenna (EFHWA) along with a parallel tuned circuit feeding it. It cuts the BCI down if I use a small coil with about 270 pF across it. The coil is tapped at 4 turns from the grounded end to attach to the coax from the pixie. The EFHWA is tapped down about 3 turns which improves the Q of the tuned circuit. The coil is wound on a plastic film can and is 17 turns total. The "270" is a parallel combination of a 220 pF mica and a 100 pF air variable capacitor.

Earlier, when I tried a larger coil and less capacitance, the BCI was really bad. I hope you are able to find a cure for yours. Thanks for your posts, Ed. They kept me from quitting.

72 , Neil, w0yse since '54 <><
a QRP-L digest reader

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or call Juno at (800) 654-JUNO [654-5866]

Date: 3 Jan 99 01:07:16 EST
From: Roy Lincoln <wa4dou@usa.net>

To: owner-qrp-1@Lehigh.EDU, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28635] Re: [OHR-100A Questions]
Message-ID: <19990103060716.17519.qmail@www08.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Rod,

Why don't you take your problem up with Dick at OHR. I'm sure he would be very interested in it and helping you! 73 Roy WA4DOU

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Sun, 03 Jan 1999 02:48:36 EST
From: we6w@juno.com (Ed Loranger)
To: w0yse@juno.com
Cc: qrp-1@lehigh.edu
Subject: [28636] Re: Pixie BCI
Message-ID: <19990102.234712.8231.5.we6w@juno.com>

Neil, this is very good. That is just what I did yesterday, minus the EFHWA. I really like my folded dipole <hey, it got my GA on the pixie2 at 400 mw :)>

I added a second resonant BP trap that is tapped at 3 turns from the bottom. It works audibly better than the single trap. Yes, I think the trick is to use these traps. I am so happy you stuck with it.

You will find that if you add a 2 KOHm variable resistor in the vfo, you can adjust the VFO drive down and the BCI can be eliminated, but your output power suffers. Basically that final transistor gets turned on by the strong AM station and the transistor has audio feedback thru the 100 uH inductor that tries to keep that transistor turned on if it can.

I find that sometimes the pixie2 just clicks and the AM station comes in even with the trap. I am still searching for this, but I think it is related to

long term DC level stored in a capacitor somewhere.

Keep up the good work! I'm glad I've helped keep you motivated, and at the same time, others have motivated me too. This list is great.

72, Ed WE6W QRP-Z#106 -L#1068, AR Millenium QSO's=31
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 3 Jan 1999 04:20:06 EST
From: MERLINHAM@cs.com
To: qrp-1@Lehigh.EDU
Subject: [28637] 28Mhz in Good Shape
Message-ID: <9c405987.368f3646@cs.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Guys,

Ten was sure in great form today

The following Beacons were all good sigs

SV3AQR	28.182	Amalias	4w	GP	1020 UTC	599
KD4EC	28.233	Jupiter	FL	7w Omni	1450 UTC	589
VE1CBZ	28.235	Fredericton	NB	5w Vertical	1453 UTC	339
VE3GOP	28.235			4w	1454 UTC	599
AB8Z	28.239	Parma	OH		1454 UTC	599
VE9MI	28.240				1454 UTC	579
N3BUB	28.213.			5w	1455 UTC	599

Also had a 2xQRP qso with K1GDH MA 1459 UTC 589/589

Equipment used 4w and 40m Doublet at 35ft

73 de John G3PT0

GQRP 595

will be QRV on 28.060 when not working @ Compuserve UK

Date: Sun, 3 Jan 1999 07:44:24 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [28638] PK-232 SOLD
Message-ID: <001601be3716\$cb1f8000\$22765acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The PK-232 has been sold..
Thanks for the inquiries....
NZ8J

Date: Sun, 3 Jan 1999 06:06:50 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [28639] QSLs
Message-ID: <000701be3719\$f24e9960\$8ca8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Accomplish one of my New Year resolutions - All my QSLing is up to date finally! Just in time before the rates go up on the 10th.

I hate having QSLs lying around waiting for me to reply (had a some almost a year old! I'm baaad!) ...it's like unpaid bills ...unfinished business ...or worse yet, it erodes away some of sincerity of the original QSO.

If I missed any anyone just email me (direct) with the log info.

TU & 72...Steve/n0tu-Monument,CO
<http://www.webaccess.net/~s&p/HRindex.htm>

Date: Sun, 3 Jan 99 08:37:21
From: Chris <c_sieg@conknet.com>
To: qrp-l@Lehigh.EDU
Subject: [28640] RE: British mil keys at Fair Radio (needs cleaning)
Message-ID: <Chameleon.915370964.c_sieg@mecs.conknet.com>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=us-ascii

Hi Folks,

If anyone would like a good deal on these WWII English keys, I have quite a few I would like to sell. Price is \$20 plus \$4.50 shipping in the continental US. I got these from the same Co. that sold them to Fair Radio.

Thanks,
-Chris

Chris Sieg WA3LDI
13 Main Street
PO Box 123
Hillsboro, NH 03244
(603) 464-5411

Name: Chris WA3LDI
E-mail: Chris <c_sieg@conknet.com>
Date: 1/3/99
Time: 8:37:21 AM

Date: Sun, 3 Jan 1999 14:00:12 +0000
From: Stephen John Farthing <stephen@stevef.demon.co.uk>
To: qrp-1@lehigh.edu
Subject: [28641] G0XAR, G0BBLs trip from Atlanta to Dayton in May. Advice sought.
Message-ID: <NtxgHHAsf3j2Ewqt@stevef.demon.co.uk>
MIME-Version: 1.0

Guys,

Jan, Earle and I will be going to Dayton this year. We plan to fly in to Atlanta, Georgia and take a couple of days to drive to Dayton along Highway 75. We will stop overnight somewhere along the way and intend to see some sights. Can anyone suggest some interesting places to see on the way and where we should stop overnight. Also is it worth one of us taking out a US Licence and bringing a 2 Meter HT?. We would welcome meeting up with fellow QRPers for a beer on route.

73 de

--

Stephen John Farthing MBCS G0XAR
Melksham, Wiltshire UK

RSGB G-QRP 7766

Date: Sun, 3 Jan 1999 13:16:50 +0000
From: Stephen John Farthing <stephen@stevef.demon.co.uk>
To: qrp-1@lehigh.edu
Subject: [28642] Re: NEED R2 BUILDING INFO, TIPS, ETC.
Message-ID: <kMq6\$BAC32j2Ew9P@stevef.demon.co.uk>
MIME-Version: 1.0

In article <368ED410.C60DCFA@pop.omah.uswest.net>, mjfitz@uswest.net
writes

>Seasons greetings to all!

> Have an R2 kit with 1 Khz and 4 Khz audio filters from
>Kanga that I am about to get to...great weather for
>kit-building here now...Was just wondering if anyone has
>some knowledge/experience building a VFO for 7 Mhz that is
>suitable, and any other "tips" that I might benefit from.
>Someone has some info on their page concerning this but
>can't remember where/who? I can get a pretty stable 3.5 Mhz
>

>VFO going but to me it looks like 7 Mhz will require a
>heterodyne set-up to achieve the necessary stability...
>ANY INPUT IS APPRECIATED!

> Mike KI0AF

>Missouri Valley, IA

>

Mike and other prospective R2 Builders,

Jan, Alan and I have almost finished a Dual DDS VFO Design which
will allow the R2 to become the heart of a multi band RX (all Ham Bands
from 1.8 to 29.5 MHz with a possible general coverage option). Two DDSs
are needed to generate perfect quadrature. We decided on this approach
because results using analogue methods were poor and limit use to one
band only.

The DDSs are driven by a PIC Microcontroller. The PIC Firmware is being
tested having gone through several revisions as we want to make sure
that it is right. The source code will be in the public domain and it
has been developed by a professional PIC Programmer. The hardware is
more or less there. Kits will be available later this year for the dual
DDS VFO.

Our ultimate goal is an HF Tcvt based on the R2/T2, the
aforementioned DDS VFO and Preselector, PA and LPF based on kits from
Hands Electronics. We aim to bring it to Dayton.

The R2 works extremely well with our VFO unit. We were all surprised at how nice the receiver sounds in comparison with commercial offerings. It is much nicer to listen to than my ICOM 706 Mk 2. With no front end filtering on 40 M at night in England it performs well with no sign of overloading or AM Breakthrough which is more than I can say for the ICOM. Those of you who are familiar with 40 Meters at night in Europe will understand that this is no mean feat. It will be interesting to see if matters can be improved by the pre-selector which I must finish.

If there is any interest in our work I'll post updates from time to time.

73 de

--

Stephen John Farthing MBCS GOXAR
Melksham, Wiltshire UK
RSGB G-QRP 7766

Date: Sun, 03 Jan 1999 09:51:19 EST
From: n4so@juno.com (charles k brown)
To: qrp-l@lehigh.edu
Subject: [28643] 28 Mhz QRP/DX/Beacons
Message-ID: <19990103.144958.4607.7.n4so@juno.com>

G3PT0/qrp 2way qrp on 28.060
John in Bristol. E-mail G3PT0@cs.com
Same G3PT0 as the previous posting to qrp-l.

OK1HX/qrp all at abt 1330z 28.060 qrp contest
EW1MN Alex in Minsk 28.060
UA3DNR Serge in Moscow 28.060
Some non-QRP.

>From yesterday's log
3D2DK 28.021 at 2301z Fiji
KH0HE 28.014 at 2158z Hermie on Saipan

New 28 Mhz beacon on 28.2825 (New in the log)
OK0EG/b at 1400z
beacon string: ok0eg beacon ten watts (keyed down carrier)
Notes: Beacon VE4ARM 28.193 was hitting s-7 on the meter
yesterday.

Ken
N4SO@juno.com
Mobile, AL

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 03 Jan 1999 10:06:39 -0500
From: Bob Edwards <w4ed@flash.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [28644] RTTY Contest
Message-ID: <368F877F.F9858016@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>
> We'll see what's cook'n on HF for tomorrow....
>

Europe, Scandinavia, Ukraine coming into East Coast on 10 mtrs this AM....

--

Bob 72/73	/
Z'# 114	/
http://www.qsl.net/w4ed	/ \
W4ED nr Atlanta @EM73wt	/ / E \
...."QRP", more from less....	/_ /_ _ _ _ _ _ _ _
	[\--=====~/

~~~~~

-----  
Date: Sun, 3 Jan 1999 10:20:11 EST  
From: KF4EIB@aol.com  
To: qrp-l@Lehigh.EDU  
Cc: tenten-l@Lehigh.EDU  
Subject: [28645] QSO with a SUPER HAM (98 yrs.young)  
Message-ID: <5e34cfe9.368f8aab@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Greetings to all,

I had the privilege of having a 10 meter ssb QSO with W5BQU Byrl in El Paso, Texas this morning 1434 UTC. 28.490  
IF YOU EVER have the chance to talk with this wonderful gentleman...DO SO!  
You will be SO GLAD you did! This man is what a Ham QSO is all about. His humor rates up there with Red Skelton, he is a true gem in this world. If you talk with him, ask him about the Zebra in Africa...you will love it.  
BTW, just in case you want to know, of his 98 years here, he has been a ham for 68 years of that. Hmmm, could learn a thing or two from him I bet.  
Take care and Happy New Year.

73,  
Gordon kf4eib

-----  
Date: Sun, 03 Jan 99 09:37:37 PST  
From: "E. Andrews" <earlve3ab@igs.net>  
To: qrp-1@Lehigh.Edu  
Subject: [28646] RE: VFO for R2 Rcvr..and PARTS WANTED R2 RCVR  
Message-ID: <MAPI.Id.0016.0061726c766533613030303930303039@MAPI.to.RFC822>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

For the fellow who wanted info on the 7 Mhz VFO..You can use a multiplier ..the HW7 did that  
and various other rigs.including the argonaut 505/509 used a multiplier stage(s) to get the  
vfo frequency to the right frequency. I have some ccts in my tech library if he would like  
some tips ..AS FOR MY R2 Project..I took an old tube rig with a solid state VFO..an old SWAN  
TRansciever that wasnt working and I gutted it and kept the VFO intact and I find it is  
very stable..the case will come in handy too. NOW IM GATHERING PARTS for the R2 and  
I need the inductors for the AUDIO Filtering..phase splitting etc..the TOKO jinductors..anyone  
have some that they can part with..I can trade an MFJ Versa Tuner 11 and/or SST Lnetwork  
random wire tuner..I also have some other stuff as trade materials..AS FOR THE CHAP  
who is working on a DDS kit..GREAT! Id eventually like to build one of those providing I can  
get one at a decent price. 73 Earl VE3AB

-----

Date: Sun, 03 Jan 1999 10:57:58 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: earlve3ab@igs.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [28647] Re: VFO for R2 Rcvr..and PARTS WANTED R2 RCVR  
Message-ID: <368F9386.21AA@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I wonder what a doubler would do in the case. In the HW7 it wa a moot point along with the other crap cpming through. The R2 is much more sensitive I've heard. A fundamental frequency VFO for 7 MHz isn't hard to build. Probably the 3.5 MHz unit he has will work at 7 MHz with the right tank constants. Try cutting the capacitor or inductor by a factor of 4. Perhaps the feedback capacitors will need adjusting too. A fundamental VFO just works better!

73

-----  
Date: Sun, 03 Jan 1999 11:00:39 -0500  
From: Jim Dolson <jdolson@iserv.net>  
To: qrp-l@Lehigh.EDU  
Subject: [28648] Multiple 7805's for Higher Current ???  
Message-ID: <368F9427.5631@iserv.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I need a cheap, simple, accurate 5v power supply that can deliver 6 amps. I also have a bunch of 7805's laying around, each of which can handle, I believe, 1 amp.

Can I simply put six of these in parallel, all being fed from the same 12v power supply and tying the 5 volt output's together (after a diode on each output) ?

Seem's too simple.

I would appreciate a reply directly to jdolson@iserv.net since my e-mail provider tends to truncate my qrp digest e-mails due to its size.

Thanks,

Jim  
wb8zbd  
jdolson@iserv.net

-----  
Date: Sun, 3 Jan 1999 11:21:41 -0500  
From: Sam Billingsley <SBillingsley@usaninc.com>  
To: "Qrp1\_Submit (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [28649] WTB TenTec PM-2  
Message-ID: <21E06269B00ED111BE9B00805F6D0FA357F13E@MAILSERVER1>  
MIME-Version: 1.0  
Content-Type: text/plain

Anyone with a TenTec PM-2 packed away or sitting on the shelf. I'm trying to find one to add to my "working" collection of QRP rigs. It doesn't have to be "collector" quality from the looks standpoint but I would like it with the minimum MODs particularly external holes. The manual and/or schematic (even a copy) would be a plus. I passed one up at a Hamfest a few years ago and haven't forgiven myself yet!

More than likely if you've had it for years and haven't used it you probably never will again. How about letting someone bring it back to life in 1999. Please email direct.

Sam Billingsley AE4GX Atlanta, GA

40mtrRamsey QRP+ HW7 HW8 HW9 NC38S Pixie(40mtr@150mw 12states)  
HW-101/QRP TT505

NORCAL 2210 MI-QRP 1567 QRP-L 1033 ARCI 9356 AKQRP 308  
GQRP 9660 ARS 269 NOGA CQC 454 FISTS 5306  
ZOMBIE 273

-----  
Date: Sun, 3 Jan 1999 09:20:25 -0700  
From: "Alyn Backe" <ve6bpr@cnnet.com>  
To: <whalen@swcp.com>  
Cc: "QRP-L" <qrp-1@lehigh.edu>  
Subject: [28650] Re: T-KIT modules  
Message-ID: <003a01be3734\$f93ffd20\$7106e5cf@laptop>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Tom.

I put one of the T-Kit 1056 direct-conversion receivers together for 80 meters. The receiver works very well on this band, and is really a fun little radio to use.

If assembled for 80 meters, the receiver covers the complete 80 meter band. I find that it needs about a 20 minute warm-up period to minimize the drift. After the warm-up, it stays put, and is very stable.

I substituted the Main-Tune pot with a 10 turn pot, as tuning on 80 was just too touchy with the supplied single turn. For some of the other bands, where the coverage isn't as wide, the single turn might be okay, but I would highly recommend using a 10 turn.

I also increased the value of a resistor (R5), to narrow down the Band-Spread tuning a bit. This info is included in the assembly manual. (Page 19) The supplied resistor is a 1 meg, and I increased this to the largest value I had in the junk-box, a 10 meg. This worked out very good.

Being direct conversion, with no AGC, you really have to "Operate" this receiver, and make adjustments to the RF gain control, AF gain, and adjustable filter, setting it differently for just about every signal you want to listen to, but this is part of the fun of using a direct conversion design! The receiver seems to work best with an "Amplified Speaker", or headphones. (I use a radio shack amplified speaker with mine) If the audio gain, or RF gain is cranked up too high, the audio seems to go into some distortion, as it tends to overload the audio stage. A quick adjustment of the RF gain, and the signals sound excellent.

I have been very happy with my T-Kit 1056 direct-conversion receiver, and would recommend it to anyone. The sensitivity is good. It's a lot of fun to use. I have built my receiver into a metal Radio Shack case. The kit goes together very easily. The circuit board can be populated in less than an hour. There are no toroids to wind. The assembly manual is well written.

I don't have any pictures of the circuit board, but if you want to have a look at the finished receiver, check out the picture on my website. I intend to add some pictures of the inside of the radio at some point in time. The web address for the receiver picture is:  
<http://cnnnet.com/public/ve6bpr/80rcv.htm>

I'm sure you will enjoy the receiver if you decide to try one out. It makes for a nice little addition to the QRP shack.



Best 72 for now, AL, VE6BPR.....sk  
(Solar Powered QRP)  
ve6bpr@cnnnet.com

Website: <http://cnnnet.com/public/ve6bpr>

-----  
<Snip>

Tom, WB5QYT wrote:

QRPer's!

I checked out the Ten Tec web page today and saw lots of interesting things. But, what really caught my eye were these little kits you can buy. They call them T-KIT modules. The one I'm most interested in is a direct conversion rcvr kit for ssb/cw that you can buy for 29 bux!! You can get it for any band too...

Anyone build any of these T-KIT modules?

-----  
Date: Sun, 03 Jan 1999 09:45:55 -0700  
From: tom whalen <whalen@swcp.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [28651] Pixie info?  
Message-ID: <368F9EC3.69CC@swcp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

QRPer's!

After hearing Ed WE6W, the last couple of nights on 40m with his Pixie, I have decided I need one of those!

Can someone point me to the URL so I can order one?

Thanks, Tom WB5QYT

-----  
Date: Sun, 03 Jan 1999 11:51:09 -0600

From: Peter James <mrpj@mindspring.com>  
To: qrp-1@lehigh.edu  
Subject: [28652] OHR Spirit  
Message-ID: <3.0.5.32.19990103115109.007a3580@pop.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Has anyone had any experience with the OHR Spirit. I just picked one up at a hamfest. It doesn't work, of course (my usual luck). I've written to OHR for some paperwork on it so I can work on it, but was wondering what others of you think of the rig. Thanks ahead of time.  
73, Pete, WM4U

-----  
Date: Sun, 03 Jan 1999 11:52:55 -0500  
From: John Levreault <jlevro@mediaone.net>  
To: w6toy@erols.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [28653] Re: VFO for R2 Rcvr..and PARTS WANTED R2 RCVR  
Message-ID: <368FA065.4C51E274@mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Bruce Muscolino wrote:

> I wonder what a doubler would do in the case. In the HW7 it wa a moot  
> point along with the other crap cpming through. The R2 is much more  
> sensitive I've heard. A fundamental frequency VFO for 7 MHz isn't hard  
> to build. Probably the 3.5 MHz unit he has will work at 7 MHz with the  
> right tank constants. Try cutting the capacitor or inductor by a factor  
> of 4. Perhaps the feedback capacitors will need adjusting too. A  
> fundamental VFO just works better!

Yes and no. Remember that the R2 is direct conversion. Therefore, it's likely that some output RF can leak back into the VFO, causing chirp or other undesired nasties, thus necessitating shielding of the VFO compartment. A doubler-type VFO will minimize, if not eliminate completely, the need for shielding of the VFO. However, it's inherently more complicated than a fundamental-frequency VFO in that you need the doubler components (a pair of diodes or transistors, the phase-splitting transformer, and the output tuned circuit). You say potayto, I say potahto.

73 de nb1i  
John

-----  
Date: Sun, 03 Jan 1999 11:59:19 -0500  
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>  
To: GQRP <qgrp-1@troy.blacksheep.org>, Knight Lites <klqrp@waterw.com>, NJ QRP Club <njqrp@njqrp.org>, QRP-L <qrp-1@lehigh.edu>  
Subject: [28654] Info on US subs for BC549A and TDA2003. BFR91A info needed.  
Message-ID: <368FA1E6.A50D8559@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Yesterday I posted a message to the QRP-L, G-QRP, NJQRP and Knight Lites newsgroups re. substitute parts for BFR91A, BC549A and TDA2003. I got several good responses and some folks asked that I post the info I received. So here it is. In summary, it looks like a LM383 or LM386 can be used for the TDA2003, the 2N2222 or 2N2222A can be used for the BC549A. No info yet on the BFR91A.

I will relay any additional info I receive.

73/72,

Jake Carter -- N4UY  
Vienna, VA (DC suburbs)  
WAS/QRPP w/c 17/16 on a Pixie,  
MRX-40, & 40m wire dipole

\*\*\*\*\*

TDA2003:

TDA2003 is ECG1288 - 10 W. audio amp chip.  
pin 1 - non-inv input  
pin 2 - inverting input  
pin 3 - ground  
pin 4 - output  
pin 5 - V+

-----  
I think the TDA2003 is the same as the LM383,  
a 5-pin TO-220 automotive audio amp. If this is the case,  
it's the same chip as Ten Tec uses in the Arogsy's audio

stage. It's rated for up to 7 watts out, but runs fine at lower levels.

-----

As for the ic, I intend to use the good ol' LM386.

-----

The TDA2003 IC is an LM383.

\*\*\*\*\*

BC549A:

The BC549A is pretty much a 2N2222A.

-----

BC549A is 2N2222 - watch your pin out connections. Euro  
transistors vary BCE CBE, ECB, etc.

\*\*\*\*\*

BFR91A:

No info yet.

--

-----

Date: Sun, 3 Jan 1999 18:03:21 +0200  
From: Yaacov@barcode.co.il  
To: qrp-1@Lehigh.edu  
Subject: [28655] Looking for Stan Broughton  
Message-ID: <9901040005.AA0344@Yaacov>  
Mime-Version: 1.0  
Content-Id: <331\_78\_1\_915408201>  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi all,

I am looking for Stan Broughton, an addicted short waves listener, who was going to get his ticket very soon.

E-mails which are sent to his former address, stan@stanb.karoo.co.uk, bounce back. Does anyone know his current e-mail address?

73,  
Yaacov Yossef 4x6hy

-----  
Date: Sun, 03 Jan 1999 12:23:24 -0500  
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>  
To: KF4EIB@aol.com, qrp-1@Lehigh.EDU  
Subject: [28656] Re: QSO with a SUPER HAM (98 yrs.young)  
Message-ID: <368FA78C.4FDFC09C@voyager.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gordon:

I am proud to say I can finally drop someone a note about something posted here.

I worked Tex, the 98yr. young Ham you wrote about on 3/10/96. I was getting my first taste of HF with one of my many Elmers and we tuned to 20 meters for a little 3rd party activity. This was my first taste, remember and on comes this Whiskey 5 Big Quick and Ugly. (those are HIS phonetics..)

My elmer told Tex that I was there for some HF 3rd party work and he said, "Put him on!" From then on, Tex and I spoke for better than half an hour. Ya see, I used to live in El Paso and this was more than mere coincidence.....it seemed almost a destiny to chat with him, but man, what a ragchew!!!!

We talked about Franklin Mt. and the star, my old neighborhood, the Sun Bowl and of course about the upgrade. It was like being home, but the best was yet to come.

As we neared the end of our QSO, Tex and I exchanged pleasantries and I asked for a QSL card. He laughed and described what his looked like. "Homebrew" he called em, with all kinds of detail.

I never expected a QSL, since he was 95 years old (I thought he would forget), but imagine my surprise when it arrived a week later! All just as he had described, with our QSO information on the back and on the bottom, "On Air 65 years" and, "Age Here 95 years", signed, "Tex".

It's been on my wall since. He's a good man and one of the nicest Hams I've met in my four and a half years in this great Hobby. Wish we coulda visited while I lived out there.

You have a wonderful memory with Tex. It was GREAT to hear he was still kickin

around and that he is on the air, workin' stations.

7-3,  
Erv W8ERV

P.S. Hope he sends one of them "homebrew" cards to ya! :-)

-----  
Date: Sun, 3 Jan 99 12:41:19  
From: Chris <c\_sieg@conknet.com>  
To: Joe S <joe@quadj.com>, qrp-1@Lehigh.edu  
Subject: [28657] Re: British mil keys at Fair Radio (needs cleaning)  
Message-ID: <Chameleon.915385608.c\_sieg@mecs.conknet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; CHARSET=iso-8859-1

Hi Again,

A few folks on the list have asked for a picture of the mentioned key. Take a look at:

<http://www.conknet.com/piexx/key.jpg>

I spent an hour or so cleaning the key before taking this photo.

Again:

> If anyone would like a good deal on these WWII English keys, I have quite a few I would like to sell. Price is \$20 plus \$4.50 shipping in the continental US. I got these from the same Co. that sold them to Fair Radio.

>

>

>Chris Sieg WA3LDI  
>13 Main Street  
>PO Box 123  
>Hillsboro, NH 03244  
>(603) 464-5411  
>

73,  
-Chris

-----  
Name: Chris WA3LDI  
E-mail: Chris <c\_sieg@conknet.com>

Date: 1/3/99  
Time: 12:41:19 PM

-----  
-----  
Date: Sun, 3 Jan 1999 13:49:28 -0500  
From: "Ed Tanton" <n4xy@mindspring.com>  
To: <jdolson@iserv.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [28658] RE: Multiple 7805's for Higher Current ???  
Message-ID: <001b01be3749\$caee7cc0\$01010101@n4xy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="Windows-1252"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

You'd be better off using a 2N3771 or even just a 2N3055 in a pass transistor setup. Simpler and easier to do.

72 / 73    Ed    N4XY

-----  
Ed Tanton    N4XY    EMAIL: n4xy@mindspring.com  
189 Pioneer Trail  
Marietta, GA 30068-3466    TEL: (770)579-3933

-----  
INTERESTS:    \*CW (99.5%)    \*QRP (QRP-L# 758)  
\*BoatAnchors    \*Test Equipment    \*Photography  
-----

"Think you can, think you can't:  
  either way you're right!"    Henry Ford  
-----

-----  
Date: Sun, 3 Jan 1999 19:37:16 -0000  
From: Peter Zenker <Peter\_DL2FI@csi.com>  
To: "'jaevans@codenet.net'" <jaevans@codenet.net>, "'QRP-L via PoP3'" <qrp-l@lehigh.edu>  
Subject: [28659] AW: How \*Order\* DL Sierra PA?  
Message-ID: <01BE3753.3C7D2400.Peter\_DL2FI@csi.com>

Sorry for late answer, have been away for holidays in Poland :-)

DL-QRP-PA for SIERRA and any other QRP tx will be available as a pre mounted kit only. All SMD parts are still mounted, you have to mount the 2 transformers and the 4 big transistors by yourself.  
Orders will be taken starting at 15th of Jan by readers service of the German Ham Radio Magazin. Just in the moment the PCBs are in the factory to put the SMD parts on.

You can order at

<http://www.funkamateurl.de>

they have German AND english language pages, order can be placed directly interactiv via the WEB, you can pay by credit card.  
The PA is NOT longer available by DL-QRP-AG, but FUNKAMATEUR price is not higher then before. The reason to choose this way is that they can accept credit cards, DL-QRP-AG can not.

72 de Peter, DL2FI  
Chairman of DL-QRP-AG

-----Ursprungliche Nachricht-----

Von: John Evans - N0HJ [mailto:[jaevans@codenet.net](mailto:jaevans@codenet.net)]  
Gesendet am: Montag, 28. Dezember 1998 14:27  
An: Low Power Amateur Radio Discussion  
Betreff: Re: How \*Order\* DL Sierra PA?

Doc et al.,

With all the discussion and even with the DL-QRP website, I am still unclear on whether the DL-QRP-PA is even available, let alone how to order one.

sri but 72 - john - n0hj

Wilford D. Lindsey wrote:

>  
> John:  
>  
> Question--Can I order a fully-assembled PA add-on for my Sierra? Not  
> clear after all this time! Please advise as to ordering info, amounts,  
> etc. Thanks in advance :-).  
>  
> 72/73,  
> --Doc Lindsey/K0EVZ  
> DSBF





Oak Hills Research WM-1 wattmeter. \$50.00

'Vester SSTV' interface - FAR circuit board/Radio Shack parts. Cables and connectors included. \$25.00

-----

Commercial Equipment:

Amp Supply LA-1000 linear amplifier (100 watts drive, 600 watts output on 160m thru 15m - sweep tubes). \$400.00

Icom IC-229H: 5, 10, 25, or 45 watts on 2m FM. \$250.00

Autek QF-1 audio filter. \$40.00

-----

Date: Sun, 03 Jan 1999 11:16:29 -0900  
From: "James H. Larsen" <al7fs@pobox.alaska.net>  
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>  
Subject: [28661] AL7FS on 28.060 at around 1900z  
Message-ID: <368FD01D.88144E7D@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Well, I called CQ, CQ but only worked OR. Here are the beacons I am hearing. 1905z

ve7mty 5w bc  
kb3boe 5w pa  
ka9sxx 1w il  
kb9dja 5w in  
wj9z 15w wi  
ab8z 5w oh  
w0ere 5w mo

So the bands are open, just not a bunch on from these areas on .060 today.

I will check the band from time to time and call cq. I will enjoy working some of you. cul

Jim

--

73, Jim Larsen, AL7FS -- Anchorage, Alaska  
QRP-L #114, QRP-Z #020, AK QRP #003, NW QRP #009  
(BP51cc)@61.1009636 North 149.8237915 West(approximately)  
mailto:al7fs@qsl.net ICQ 11022915 <http://www.mirabilis.com/>

-----

Date: Sun, 3 Jan 1999 15:38:42 EST  
From: Ab7wy@aol.com  
To: qrp-l@lehigh.edu  
Subject: [28662] help  
Message-ID: <31dc49e4.368fd552@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

I know this info gets passed all the time, but i never paid attention to it.  
i would like to unsubscribe from the list, and re-subscribe under  
N7YA@aol.com, since ab7wy is no longer my call (ill let my wife use the  
address).

i guess ill no longer be #1605, but thats ok, im not on the list for a  
number...i just like reading all of your posts, this really is the best  
reflector. im changing everything over to that address so it will be easier  
for me, and ill put the address on my cards. any help would be appreciated,  
im sorry about cluttering up the list with this, i just couldnt find the  
instructions anywhere.

thanks a lot.....73, Adam, N7YA

-----

Date: Sun, 03 Jan 1999 12:45:34 PST  
From: "Alan Fryer" <n3bj@hotmail.com>  
To: qrp-l@lehigh.edu  
Cc: milsurplus@qth.net  
Subject: [28663] FS: Military GRC-109 and GRC-9 sets  
Message-ID: <19990103204534.20542.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain

For Sale: GRC-109 "spy radio", includes transmitter, receiver, and AC  
power supply, all intact, in good shape. Also have AC/DC power supply  
available. Works fine, includes original manual and eratta from  
Electric Radio, etc.

\$250 shipped

Alss, GRC-9 radio set, with extra receiver, intact, untested, in CW-109 case, with original manual, some extra tubes.

\$150 shipped

Might consider trade for QRP or other equipment.

Alan, N3BJ  
Bent Mountain, VA

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Sun, 03 Jan 1999 15:55:36 -0500  
From: VE3JC - John C <jbcumming@wwdc.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [28664] Canada/QRP - Is there a need for a Canadian nation QRP Organization ??  
Message-ID: <368FD948.BB06FD97@wwdc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

Non-Canadian members of QRP-L: I was going to mail this only to Canadian list members, and then I realized the "filtering" could be a monumental task, so I hope you'll forgive my "bulk mailing" with one hit of the DELETE key. (On the other hand, if you're interested, feel free to read on!)

CQ CQ Canadian QRP'ers :  
=====

For some time, I have wondered if there isn't a place for a Canadian national QRP club. I would very much appreciate it if you would read over the following thoughts / proposals, and complete and return the questionnaire at the bottom. Also, if you are a member of a local QRP club or know other QRP'ers without email, it would be great if you could print it off and have them forward their feedback via snail mail. Please don't hesitate to write if you have any questions or concerns. I will collect and tabulate all responses, and feed back the info to whoever might be interested.

-----  
-----  
Canada/QRP - Is there a need?

For many of us, subscription to the QRP email reflectors is the standard method of learning about QRP activities and sharing ideas with our fellow addicts. Many of us are also members of one or more QRP clubs (QRP-ARCI, GQRP, NORCAL, MI QRP to name a few). These clubs provide lots of reading material, kits, project ideas, and organized operating events. Maybe you are "saturated", and feel that all your needs are met. However, I wonder if there might also be a spot for a national organization, which could fill in a few gaps and deal with uniquely Canadian issues. Sometimes, our concentration on the reflectors causes us to ignore the many qrp operators and activities going on in the "outside" world. I have worked a number of fine Canadian QRP op's who "don't know their email from their ARCI". It would be neat to keep in touch with these people, and find ways to involve them more in the growing QRP world. Clubs such as the Durham QRP club have a proud QRP tradition, and yet we don't know much about their activities.

Possible objectives for Canada/QRP (I don't like to say "VE QRP")

Here are some ideas I have, and they are only my own. You are free to add to them, ignore them, or shoot them down.

- Canada/QRP would NOT replace or compete with any other QRP club or service. Membership fees would be set very low (supporting only the activities or initiatives which members have approved). Affiliation with RAC would be sought, and services (eg training or promo materials) would be made available to local QRP clubs.

- a quarterly or monthly journal would be available electronically (similar to ARS Sojourner), or could be "mailed" to those without electronic access. There would be two membership fee levels - one "basic", and one for those receiving snail mail journal (additional fee required to recover all mailing costs).

- Canada/QRP would assist, as requested and as appropriate, in the administration of any QRP-related awards. Possible trophy for winner of QRP class in RAC contests, field day, QRPTTF, etc.

- Canada/QRP would try to undertake special projects to specifically assist Canadian QRP'ers, such as "north of the border" group buys, "bulk shipping" from Dan's Small Parts. Even sharing ideas regarding Customs, or Canadian operating regulations would be possible. How about a

Canada/QRP hospitality suite at FIDM?

-----  
-----

SURVEY - WHAT DO YOU THINK ?

I think a national QRP organization is worth considering.                      Yes  
-----                      No                      -----

Please check the areas which you think a national QRP organization  
should be involved in (and add any others you think of)

- Sponsoring    Operating events                      -----
- Sponsoring Awards                                      -----
- Sharing technical info                                  -----
- Arranging "group buys / imports"                      -----
- Equipment swap/sell system                              -----
- 
- 

I would be willing to become involved in a national QRP organization  
Yes \_\_\_\_    No        -----

I think that    \$\_\_\_\_\_ would be a reasonable membership fee (if no  
"regular" journal mailings are involved)

Any other comments or suggestions ????

Your name:

Your call:

Your main QRP interest(s)    (eg building, operating, etc):

Your email address:

Your mailing address:

Please return completed survey, via email reply    (or to ve3jc@rac.ca),  
or to VE3JC, John Cumming, 192 Wellington St. Delaware, On N0L 1E0

Q | VE3JC John Cumming  
/\ | Delaware, ON CANADA  
@` / ---- jbcumming@wwdc.com  
( ) \ ( ) hf qrp cw bicycle mobile  
http://www.geocities.com/CapeCanaveral/Lab/7378/

-----  
Date: Sun, 3 Jan 1999 15:24:08 -0600  
From: "Mullins family" <mmullins@mastnet.net>  
To: "QRP-L post message" <qrp-l@Lehigh.EDU>  
Subject: [28665] Gentle explanation that 7.040 is QRP freq?  
Message-ID: <000301be375f\$69b8eba0\$6ed542ce@micron>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Two nights ago I heard a QRP station calling CQ at 7.0405 MHz. Just as I was about to answer, a much louder station also started calling CQ at the same frequency. I responded to the louder station. He was QRO and a nice person, excellent fist. As often happens, he was amazed that I was running only 4 watts. After our pleasant QSO, it occurred to me that I should have said to him that 7.040 is a normally a QRP frequency. Any suggestions for how to do this in a nice way? Should I have suggested to him to QSY?  
Mike Mullins KD5CMN in Lake Jackson TX

-----  
Date: Sun, 03 Jan 1999 13:14:09 -0800  
From: W7LS <w7ls@blarg.net>  
To: qrp-l@lehigh.edu  
Subject: [28666] CANADIAN, not British key (uh-whoops!)  
Message-ID: <368FDDA1.49EE@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

My earlier post about a British key was a little off. It was kindly pointed out to be a Canadian key. Nice key, at any rate.  
Jim W7LS

-----  
Date: Sun, 3 Jan 1999 16:44:20 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: jdolson@iserv.net  
Cc: qrp-1@lehigh.edu  
Subject: [28667] Re: Multiple 7805's for Higher Current ???  
Message-ID: <199901032130.QAA08957@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

> I need a cheap, simple, accurate 5v power supply that can deliver 6  
>  
> Can I simply put six of these in parallel, all being fed from the same  
> 12v power supply and tying the 5 volt output's together (after a diode  
> on each output) ?

Hi Jim,

No, that will not work. Since each regulator will have slightly different output voltages it wants to regulate at, the one with the highest output voltage will effectively "shut down" the one's that want to regulate at a lower voltage.

However, you can add a PNP power transistor to boost the current, such as a 2N2955 and heat sink. This will supply 5-6 amps, easy. The pass transistor effectively acts as a current amplifier. The regulator draws it's operating current through the base of the transistor, and only enough to keep the output on the collector regulated at 5 volts.

The emitter of the PNP goes to the unregulated DC supply. The base connects to the input terminal of the regulator. A 10 ohm resistor connects between the base and emitter. The collector connects to the output terminal of the regulator. The regulator ground still goes to ground. Although not shown in the app note, there should be a minimal load connected across the output at all times, one that draws 5-10 ma, along with the usual by-pass caps on the input and output.

Hope this helps.

72,  
Steve, KD1JV in the white Mountains of New Hampshire



"melt solder"

-----  
Date: Sun, 3 Jan 1999 13:58:47 -0800  
From: "Denis Englander" <ko6gf@slip.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>, <mmullins@mastnet.net>  
Subject: [28668] Re: Gentle explanation that 7.040 is QRP freq?  
Message-ID: <000601be3764\$3e1874c0\$b906d1d1@slip.net.slip.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gentle suggestion:

Perhaps to have worked the QRP station who was calling CQ instead?

That would keep the QRP type interested in that part of the band, and it might indicate that it is a QRP favored frequency. Maybe get a three way with both QRP rigs and the QRO in a "Round Table QSO". The QRO fellow might have tried cutting his power while the two QRP hams gave out some encouraging feedback, RST etc...

That same thing happened to me. A QRPer was calling CQ on 7.040, and I went back to him on my QRP 49er rig, so did a much stronger signal right after my return, and the QRPer came back to me first. I was both surprised and pleased at the same time, like winning a foot race!

Anyway, it's a hobby, the only thing that should matter is that we all have fun with it. :-)

Thanks for setting up the question, I enjoyed thinking about it.  
Hi-hi!

72/73 de K06GF - Denis in SF

-----Original Message----- Modified by K06GF - trying to stay in bounds with band width.  
From: Mullins family <mmullins@mastnet.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Sunday, January 03, 1999 1:08 PM  
Subject: Gentle explanation that 7.040 is QRP freq?

>I heard a QRP station calling CQ at 7.0405 MHz. Just as I was about to answer, a much louder station also started calling CQ at the same frequency. I responded to the louder station. He was QRO and a nice person, excellent fist...Should I have suggested to him to QSY?  
Mike Mullins KD5CMN in Lake Jackson TX

-----  
Date: Sun, 3 Jan 1999 14:26:18 -0800  
From: "Steve Miller" <kg7pv@hevanet.com>  
To: "QRP-L : to send msg to list" <qrp-l@lehigh.edu>  
Subject: [28669] Opps!  
Message-ID: <000701be3768\$180108c0\$9e3ca3ce@kg7pv>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Sure impressed Jim AL7FS at 22:17z on 10M with my claimed QRP sig running about 50 watts by mistake. He came back with a "WOW and a 599" then I realized what I had done to his ears! Cut pwr and only got a 559. Thanks Jim for the short one, you were a solid 559 here in Portland.

Steve Miller kg7pv@hevanet.com  
Portland,OR

Norcal #308, ARCI #9230, QRP-L # 109

-----  
Date: Sun, 03 Jan 1999 16:27:31 -0600  
From: crc <crc@io.com>  
To: QRPL <QRP-L@Lehigh.EDU>  
Subject: [28670] Re: Gentle explanation that 7.040 is QRP freq?  
Message-ID: <368FEED3.CCF67356@io.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

> Mike :

You might have gone back to him and asked if he has heard any other QRP

stations arround 7040 , that you are looking for a bunch of qrp ers that hang arround there looking for other qrp guys.Maybe with a little encouragement he might at least listen for us and maybe eventually join us, even the qro guys get a bang from working a peanut whistle in outter middle of nowhere dx land, if they take the time to listen closely for us.  
charlie WA5KRF

-----  
Date: Sun, 3 Jan 1999 17:34:33 -0500  
From: "cdd" <cdd@bellatlantic.net>  
To: <mmullins@mastnet.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [28671] Re: Gentle explanation that 7.040 is QRP freq?  
Message-ID: <000a01be3769\$3dbc58c0\$237bc997@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Mullins family <mmullins@mastnet.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Sunday, January 03, 1999 4:20 PM  
Subject: Gentle explanation that 7.040 is QRP freq?

>Just as Iur pleasant QSO, it occured to me that I should have  
>said to him that 7.040 is a normally a QRP frequency. Any suggestions for  
>how to do this in a nice way? Should I have suggested to him to QSY?

That IMHO would be like telling one to move to the slow lane because you're only going 50 mph. I feel you did right saying nothing at all and just enjoyed the QSO. Running QRO is not sacrilegious and 7.040 is not for qrpers only, it's for anyone licensed to operate there whether 1watt or 1kw of power is used.  
"Gentleman's Explanation", simply forget you had the thought.

IMHO....Curt/K3ivb QRP-L #433 running 1 to 100 watts where and whenever I feel like it.

-----  
Date: Sun, 03 Jan 1999 16:44:53 -0600  
From: mjfitz@uswest.net  
To: qrp-1@Lehigh.EDU  
Subject: [28672] WOW!! 5-VOLT 8-AMP SUPPLY PLUS FOR \$35 + ship  
Message-ID: <368FF2E5.4DF29A54@pop.omah.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

QRP CATS:

If you need a nice little supply that has a fixed 5-volt, 8-amp circuit and TWO adjustable(if you add an adjustment pot) circuits at 2.5 amps each(up to 30 volts) take a look at Suplus Sales catalog, page 302. These are very nice surplus supplies from Deltron. I have one and it is fine, especially for the price. The supply is an open frame, but all you do is find a box... It is extremely sturdy. Quantity discounts available.....ph 800 244-4567 to place your order. Surplus S. also is on-line at [www.sgc.world.com](http://www.sgc.world.com) (don't let that sgc throw you...hee hee)  
Mike ("Fitz") Fitzgibbon KI0AF Mo. Valley, IA

-----  
Date: Sun, 03 Jan 1999 17:00:23 -0600  
From: Jay Bromley <w5jay@alltel.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [28673] what Fun!!  
Message-ID: <368FF687.621A30B9@alltel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang,  
Good way to start the new off the new year worked Jim, AL7FS at 2231 on 28.060.  
Power was .9 watts into 250 ft. of RG-214 and antenna is a ten element T-10 log periodic by Tennadyne. Then Jim turned his power to down .9w for a QRPp to QRPp contact. I have now worked Jim on 10, 15, 20 meters.

Now for 40 and below on wires.  
Thanks Jim it was fun.

73 de w5jay..

Jay Bromley      Fort Smith, Ar.

-----  
Date: Sun, 3 Jan 1999 18:13:36 -0500  
From: "Mitch Dickson" <mitch@volstate.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [28674] beacons  
Message-ID: <001201be376e\$b18eab40\$54338cd1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

does anyone know or is there a list of beacons within the US? If so, what  
freqs and sched. thanks, Mitch

-----Original Message-----

From: Jay Bromley <w5jay@alltel.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Sunday, January 03, 1999 6:01 PM  
Subject: what Fun!!

>Gang,  
>Good way to start the new off the new year worked Jim, AL7FS at 2231 on  
>28.060.  
>Power was .9 watts into 250 ft. of RG-214 and antenna is a ten element  
>T-10 log periodic by Tennadyne. Then Jim turned his power to down .9w  
>for a QRPP to QRPP contact. I have now worked Jim on 10, 15, 20 meters.  
>Now for 40 and below on wires.  
>Thanks Jim it was fun.  
>  
>73 de w5jay..  
>  
>Jay Bromley      Fort Smith, Ar.  
>  
>

-----

Date: Sun, 03 Jan 1999 14:20:20 -0900  
From: "James H. Larsen" <al7fs@pobox.alaska.net>  
To: w5jay@alltel.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [28675] Re: what Fun!! QRPp to QRPp  
Message-ID: <368FFB34.F6F93F51@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Any time, Jay. I could have pulled you out another 3 or 4 dB down but I think we were low enough for today.

73, Jim, AL7FS

Jay Bromley wrote:

>

> Gang, Good way to start the new off the new year worked Jim, AL7FS at 2231 on 28.060.

-----  
Date: Sun, 03 Jan 1999 18:30:52 -0500  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: njqrp <njqrp@njqrp.org>, "qrp-canada@lists.gpfn.sk.ca" <qrp-canada@lists.gpfn.sk.ca>, qrp-l <qrp-l@Lehigh.EDU>  
Subject: [28676] AL7FS on 10 and 15 mtrs...  
Message-ID: <368FFDAC.4CAF02D@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Got the chance to work Jim on both 10 and 15 metres today...I want to say thanks Jim for the QSO's.I am running 5 watts into a full wave 40 metre loop at 25 feet,in the vertical polarization....Thanks again to Jim,AL7FS

73 Fred VE3FAL  
VA3SBB/BCN @ 28.241 mHz

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Date: Sun, 3 Jan 1999 17:34:44 -0600 (CST)  
From: Jim R Hatfield <jhatfiel@mail.orion.org>  
To: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [28677] Re: QSO with a SUPER HAM (98 yrs.young)  
Message-ID: <Pine.GS0.3.96.990103172330.18368A-1000000@orionc0>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Super Ham is the best way to describe Tex. I dug out my qso cards and found W5BQU. Worked him Christmas day 1995 then he was going to make his 8th trip to Alaska and driving his motorhome, we all should be that lucky. Some hams just stick in the memory and his card is just the best.  
KG0NA Jim Springfield Mo.

On Sun, 3 Jan 1999, J. Ervin Bates, W8ERV wrote:

> Gordon:  
>  
> I am proud to say I can finally drop someone a note about something posted here.  
>  
> I worked Tex, the 98yr. young Ham you wrote about on 3/10/96. I was getting my  
> first taste of HF with one of my many Elmers and we tuned to 20 meters for a  
> little 3rd party activity. This was my first taste, remember and on comes this  
> Whiskey 5 Big Quick and Ugly. (those are HIS phonetics..)  
>  
> My elmer told Tex that I was there for some HF 3rd party work and he said, "Put  
> him on!" From then on, Tex and I spoke for better than half an hour. Ya see, I  
> used to live in El Paso and this was more than mere coincidence.....it seemed  
> almost a destiny to chat with him, but man, what a ragchew!!!!  
>  
> We talked about Franklin Mt. and the star, my old neighborhood, the Sun Bowl and  
> of course about the upgrade. It was like being home, but the best was yet to  
> come.  
>  
> As we neared the end of our QSO, Tex and I exchanged pleasantries and I asked  
for  
> a QSL card. He laughed and described what his looked like. "Homebrew" he  
called  
> em, with all kinds of detail.  
>  
> I never expected a QSL, since he was 95 years old (I thought he would forget),  
> but imagine my surprise when it arrived a week later! All just as he had  
> described, with our QSO information on the back and on the bottom, "On Air 65  
> years" and, "Age Here 95 years", signed, "Tex".  
>  
> It's been on my wall since. He's a good man and one of the nicest Hams I've met  
> in my four and a half years in this great Hobby. Wish we coulda visited while I  
> lived out there.  
>  
> You have a wonderful memory with Tex. It was GREAT to hear he was still kickin  
> around and that he is on the air, workin' stations.

>  
> 7-3,  
> Eiv W8ERV  
>  
> P.S. Hope he sends one of them "homebrew" cards to ya! :-)  
>  
>

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Date: Sun, 3 Jan 1999 18:35:08 -0500  
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>  
To: <qrp-L@LeHigh.edu>  
Subject: [28678] RE: Ionospheric absorption and QRP + QRPP  
Message-ID: <009101be3771\$b4bbef00\$04000a0a@nwarfiel.usf.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Just a small .02 worth of propagation data  
When operating QRP... and especially QRPP... it becomes really important to  
take into consideration an often bypasses propagation bit of information:  
IONOSPHERIC ABSORPTION OF THE PATH  
Some of today's sophisticated propagation prediction programs do have that  
parameter sort of "built in ".... but is is usually , like the noise levels  
... "statistically built in ", I mean by that the data is not the actual  
absorption levels experienced on the circuit at the moment you are trying to  
establish your QRP or QRPP contact...  
So... here is what I do ( and it works , for me at least....)  
I have a list of stations that operate more or less permanently , of which I  
keep track of signal intensity ( how much attenuation I need to deliver a  
certain RF level is my yardstick )...  
Example... going to the North West, the obvious stations are the WWV's 10  
kilowatters on 5 10 and 15 Mhz...  
15 is near enough to 20 meters to give me a good picture of how attenuation  
by ionospheric absorption is doing...  
20 mHz is near enough to 15 meters to do likewise...  
FOLLOW ME.... if you do your homework, your chances of QRP and QRPP contacts  
will increase, by selecting the most appropriate time slots and days when  
ionospheric absorption is lower...  
There are other ways of doing it... maybe for another posting  
Comments invited... open forum !!!  
Happy New Year to all in 1999  
tomorrow almost everybody has to go to work after many days of holidays and  
vacations, but don't loose the momentum of QRP operating... my highlight was



QRP to AL7FS Jim in Alaska on 10 meters !!!  
Arnie Coro  
C02KK

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Date: Sun, 3 Jan 1999 16:47:45 -0700  
From: "Charles L. Stackhouse" <cstack@safelink.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [28679] A new record??  
Message-ID: <19990103235241197.AAA44@safelink.safelink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>From Investor's Business Daily newspaper, p. A2, Dec. 29, 1998

"New antenna design has broken distance record for radio signal

The novel design by Fractal Antenna Systems transmitted successfully over 5,000 miles from Massachusetts to Europe on a single watt of power, a record. Contacts with stations in Palau, Papua and other Pacific locations were achieved with two watts. The design is based on fractal mathematics. The antenna is a quarter the size of a conventional one and is triangular shaped."

Anybody know anything about this antenna, i.e. what frequency, what time of day, or what mode? Is this an actual achievement or has some advertising guy just reinvented HF QRP?

Charles L. Stackhouse    Burley, Idaho

WA2IPZ    QRP-L #362

cstack@safelink.net

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Date: Sun, 3 Jan 1999 18:57:40 -0500 (EST)  
From: James Skalski <jskalski@buffnet.net>  
To: "Charles L. Stackhouse" <cstack@safelink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [28680] Re: A new record??

Message-ID:

<Pine.LNX.4.03.9901031855370.1704-1000000@valhalla.valhalla.buffalo.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I've worked Japan on 40 meters with 2 watts. No fancy antenna...just a ground mounted vertical. A variation of an antenna that I have used over the last 30 years :-)

73,

Jim N2-go

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End of QRP-L Digest 1325

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